



April 16, 2010

Ms. Leah Evison  
United States Environmental Protection Agency  
Office of Superfund, Region 5  
SR-6J  
77 West Jackson Blvd.  
Chicago, IL 60604-3590

EPA Region 5 Records Ctr.



365841

Certified Mail, Return Receipt: 7004 1160 0003 4669 0951

Subject: Monthly Status Report-March 2010  
Fields Brook Superfund Site  
Detrex Source Area-Ashtabula, Ohio

Dear Ms. Evison,

Detrex is submitting the enclosed monthly status report for the month of March 2010, for the Detrex Source Area Project.

If you have any questions, please contact me at (440) 997-6131, ext. 201.

Sincerely,

A handwritten signature in black ink that reads "Thomas W. Steib".

Thomas W. Steib  
Operations Manager

cc: T. Doll, D. Church, R. Currie, J. Vence, K. Buell, URS, R. Williams

THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

RECEIVED

APR 11 1967

FROM

DR. J. H. GOLDSTEIN  
1000 S. MICHIGAN AVE.  
CHICAGO, ILL. 60607

TO  
DR. J. H. GOLDSTEIN  
1000 S. MICHIGAN AVE.  
CHICAGO, ILL. 60607

FIELDS BROOK SUPERFUND SITE, OPERABLE UNIT #2  
DETREX SOURCE AREA  
MONTHLY TECHNICAL STATUS REPORT

Project Phase: Remedial Design and Remedial Action.

Prepared by: Tom Steib of Detrex Corporation.

Period: Month of March 2010.

1. Progress Made This Reporting Period:

ACTIVITY	THIS PERIOD GALLONS	YEAR TO DATE GALLONS	TOTAL GALLONS
Estimated DNAPL Recovered	-0- (Does not include volume in inside settling tank)	-0-	16,080
DNAPL Disposed	-0-	-0-	13,980

- A. There were -0- gallons of DNAPL pumped from the inside settling tank to the outside settling tank during March.
- B. Vacuum is at 20 inches.
- C. Wells 1, 2, 4, 5, 6, 8, 9, 10, 11, and 12 are being pumped on a regular basis.
- D. Well 3 and 7 are not pumpable and will be repaired.
- E. Wells 13 and 14 do not pump.
- F. All pumpable wells have to be flushed with water frequently to get the sediment out of the well insert to be able to pump.
- G. Generating excessive amount of silt with the northern wells showing more silt than the east wells. Some of this silt causes difficulty in phase separation. Some of the silt settles to the bottom, while some silt gets caught in the rag layer between the DNAPL and the water, making the phase separation more difficult.
- H. The DS Tributary cleaning was completed November 10. Several samples were taken along the DS Tributary. A separate report will be generated with these results.
- I. DNAPL plume delineation has been completed in the source area. A separate report will be generated when this data becomes available.
- J. NPDES Compliance. Detrex is in full compliance of our NPDES permit for the month of March 2010. A copy of the MOR is available upon request.
- K. The water from the DS Tributary collection trenches was sampled. See results attached.

2. Work Planned During the Next 90 Days.

- A. Continue re-developing the wells due to excessive silt build up.
- B. All wells that are not pumpable will be attempted to be brought back on line.
- C. Continue general repair.

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

$$f_{\text{max}} = \frac{1}{2\pi} \sqrt{\frac{1}{L C_{\text{eff}}}} = \frac{1}{2\pi} \sqrt{\frac{1}{L \left( C_{\text{in}} + \frac{C_{\text{out}}}{1 - \beta} \right)}} \quad (1)$$
[illegible]

4/16/2010 9:09

DS Tributary Collection Trench Analyses  
Detrex Corporation  
Ashtabula, OH

Date Sampled	3/18/2010	3/18/2010
Sump	East	West
VOC		
1,1,1-Trichloroethane, ug/l	<250	<500
1,1,2,2-Tetrachloroethane, ug/l	30.2	10.7
1,1,2-Trichloroethane, ug/l	4,560	2.50
1,1-Dichloroethane, ug/l	<250	<500
1,1-Dichloroethene, ug/l	631	9,040
1,2-Dichloroethane, ug/l	<250	<500
Choroform, ug/l	278	2,070
cis-1,2-Dichloroethene, ug/l	35.4	14,000
Methylene Chloride, ug/l	<250	<500
Tetrachloroethene, ug/l	6.7	2.05
trans-1,2-Dichloroethene, ug/l	1,950	10,600
Trichloroethene, ug/l	31.5	18.3
SVOC		
1,2,4-Trichlorobenzene, ug/l	<10.0	<10.0
1,2-Dichlorobenzene, ug/l	<10.0	<10.0
1,3-Dichlorobenzene, ug/l	<10.0	<10.0
1,4-Dichlorobenzene, ug/l	<10.0	<10.0
Hexachlorobenzene, ug/l	<10.0	<10.0
Hexachlorobutadiene, ug/l	<10.0	<10.0
Hexachloroethane,ug/l	<10.0	<10.0